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INFORMATION DISCLOSURE  
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Sheet 1 of 13

## Complete if Known

Application Number	10/562,831
Filing Date	06-21-06
First Named Inventor	Lena Moller
Art Unit	1651
Examiner Name	Taeyoon Kim
Attorney Docket Number	13323-105005

## U.S. PATENT DOCUMENTS

Examiner initial *	Cite No. <sup>1</sup>	Document Number Number	Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear
1	US-US 20010038848	11-08-01	Donda et al		
2	US-US 20010041913	11-15-01	Cragg et al		
3	US-US 20020006429	01-17-02	Redmond et al		
4	US-US 20020010150	01-24-02	Corfese et al		
5	US-US 20020010482	01-24-02	Watt		
6	US-US 20020015724	02-07-02	Yang et al		
7	US-US 20020025921	02-28-02	Petillo et al		
8	US-US 20020026215	02-28-02	Redmond et al		
9	US-US 20020039594	04-04-02	Unger		
10	US-US 20020042378	04-11-02	Reich et al		
11	US-US 20020061842	05-23-02	Mansour et al		
12	US-US 20020072767	06-13-02	Zhu		
13	US-US 20020164322	11-07-02	Schaufier		
14	US-US 20020173618	11-21-02	Reever		
15	US-US 20020188196	12-12-02	Burbank et al		
16	US-US 20020192271	12-19-02	Hedner et al		
17	US-US 20020193448	12-19-02	Wallace et al		
18	US-US 20030004449	01-02-03	Lafraita et al		
19	US-US 20030008831	01-09-03	Yang		
20	US-US 20030009194	01-09-03	Saker et al		

## FOREIGN PATENT DOCUMENTS

Examiner initial *	Cite No. <sup>1</sup>	Foreign Patent Document Country <sup>2</sup> Number <sup>3</sup> Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear
21	BG	BG 0051589A1		Sydney et al	
22	BG	BG 0099900A		Mitsubishi electric corp	
23	DE	DE 3746841	06-01-83		
24	DE	DE 4119140	12-17-92	Unitika Ltd	
25	DE	DE 4407875	09-01-95	Mitsuo et al	
26	EP	EP 0156649	10-02-85		
27	EP	EP 0341745 B	11-15-89	Ethicon	
28	EP	EP 0605705	05-02-90	Cullen et al	
29	EP	EP 0372968	11-15-90	Johnson & Johnson Medical	
30	EP	EP 0478827	04-08-92	Ferrosan	

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First Named Inventor	Lene Møller
Art Unit	1651
Examiner Name	Taeyoon Kim
Attorney Docket Number	13323-105005

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31	US-US 2003028140	02-06-03	Greff		
32	US-US 2003032143	02-13-03	Neff et al		
33	US-US 2003064109	04-03-03	Qian et al		
34	US-US 2003095993	05-22-03	Benz et al		
35	US-US 2003012741	01-16-03	Furlan Diego et al		
36	US-US 20030162708	08-28-03	Ferrosan		
37	US-US 20030181659	09-25-03	Naranda et al		
38	US-US 20030232746	12-18-03	Lamberti et al		
39	US-US 20040076647	04-22-04	Beiring		
40	US-US 20040079763	04-29-04	Powell et al		
41	US-US 20040101546	05-27-04	Gorman et al		
42	US-US 20040120993	05-24-04	Zhang et al		
43	US-US 20040197388	10-07-04	Sceusa		
44	US-US 20040243043	12-02-04	McCarthy et al		
45	US-US 2004214770	10-28-04	Reich et al		
46	US-US 20050008632	01-13-05	Stimmerer		
47	US-US 20050031691	02-10-05	McGurk et al		
48	US-US 20050137512	06-23-05	Campbell et al		
49	US-US 20050171001	08-04-05	Pendharkar et al		
50	US-US 20050214277	09-29-05	Schauffer		

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51	EP	EP 0702081	03-20-96		T*
52	EP	EP 0773740	11-03-99		
53	EP	EP U736623	07-09-03		
54	EP	EP 0891193	08-20-03		
55	EP	EP 1005874 B	09-07-00		
56	EP	EP 1022031 A	09-26-00		
57	EP	EP 1044693	10-18-00		
58	EP	EP 1053758	11-22-00		
59	EP	EP 1059957	08-29-07		
60	EP	EP 1095064	06-08-05		

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First Named Inventor	Lene Moller
Art Unit	1651
Examiner Name	Taeyoon Kim
Attorney Docket Number	13323-105005

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	61	US-US 20050245905	11-03-05	Schmidt et al	
	62	US-US 200601002890	01-05-06	Hersel et al	
	63	US-US 200601068013	03-30-06	DITizio et al	
	64	US-US 200610159733	07-20-06	Pendharkar et al	
	65	US-US 200610189516	08-24-06	Yang et al	
	66	US-US 200610193846	08-31-06	Stimmerer	
	67	US-US 200700909578	01-11-07	Moller et al	
	68.	US-US 200700259555	02-01-07	Lowinger et al	
	69.	US-US 2465357	03-29-49	Correll	
	70.	US-US 2558393	06-26-51	Studer	
	71.	US-US 3224434	11-06-62	Molomul et al	
	72.	US-US 3815580	05-11-74	Oster	
	73.	US-US 3869539	03-04-75	Ferrosan A/S	
	74.	US-US 3930052	12-30-75	De brou et al	
	75.	US-US 4098728	07-04-78	Rosenblatt	
	76.	US-US 4265233	05-05-81	Unitika Ltd	
	77.	US-US 4320201	03-16-82	Berg et al	
	78.	US-US 4492305	01-08-85	Avery	
	79.	US-US 4515637	05-07-85	Cioica	
	80.	US-US 4522302	06-11-85	Palkoff	

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	81	EP EP 1095064 B	08-08-05			T 8
	82	EP EP 1140235		10-10-01		
	83	EP EP 1174463 A		01-23-02		
	84	EP EP 1258256		11-20-02		
	85	FR FR 2679772		08-12-93		
	86	FR FR 2759980		08-28-98		
	87	GB GB 1584800		02-04-81		
	88	GB GB 2393120 A		03-24-04		
	89	GB GB 2414021		11-16-05		
	90	GB GB 648619		01-10-51		

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91	US-US 4559304	12-17-95		Kasai	
92	US-US 4655211	04-07-87		Unilika Ltd	
93	US-US 4735616	04-05-88		Eli et al	
94	US-US 4749689	06-07-88		Miyata et al	
95	US-US 4851521	07-25-89		Della vallo et al	
96	US-US 4891359	01-02-90		Saferstein	
97	US-US 4997753	03-05-91		Dean et al	
98	US-US 5024841	06-18-96		Chu et al	
99	US-US 5037740	08-06-91		Tanaka	
100	US-US 50401511	03-26-95		Margalit	
101	US-US 5112750	05-12-92		Tanaka	
102	US-US 5149540	09-22-92		Kunihiro et al	
103	US-US 5180583	01-19-93		Hedner	
104	US-US 5356883	10-16-94		Kuo et al	
105	US-US 5394886	08-03-95		Nabai et al	
106	US-US 5399381	03-21-95		Song et al	
107	US-US 5443481	08-22-95		Lee	
108	US-US 5456693	10-10-95		Conston et al	
109	US-US 5462860	10-31-95		Mach	
110	US-US 5503848	04-02-96		Perbellini et al	

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111	GB	GB 697603		09-13-49		
112	JP	JP 01 130519		05-23-89		
113	JP	JP 0825446				
114	JP	JP 60214728		10-28-85		
115	JP	JP 62 221357		09-26-87		
116	JP	JP 62070318				
117	PC	WO 0009018		02-24-00		
118	PC	WO 0018301		04-06-00		
119	PC	WO 0027327		05-18-00		
120	PC	WO 0074742		12-11-00		

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	121	US-US 5512301	04-30-96	Song et al	
	122	US-US 5595735	01-21-97	Saferstein et al	
	123	US-US 5643596	07-01-97	Pruss et al	
	124	US-US 5645849	08-07-97	Pruss et al	
	125	US-US 5660854	08-26-97	Haynes et al	
	126	US-US 5669934	09-23-97	Sawyer	
	127	US-US 5690675	11-25-97	Sawyer et al	
	128	US-US 5690954	11-25-97	Illum	
	129	US-US 5700476	12-23-97	Rosenthal et al	
	130	US-US 5712161	01-27-98	Koezuka	
	131	US-US 5723308	03-03-98	Mach	
	132	US-US 5743312	04-28-98	Pfeifer	
	133	US-US 5749895	05-12-98	Sawyer et al	
	134	US-US 5791352	08-11-98	Reich et al	
	135	US-US 5795330	08-18-98	Tofghi et al	
	136	US-US 5798091 A	08-25-98	Klein David et al	
	137	US-US 5823671	10-20-98	Mitchell et al	
	138	US-US 5824015	10-20-98	Sawyer	
	139	US-US 5883078	03-16-99	Seelich et al	
	140	US-US 5895412	04-20-99	Tucker	

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	141	PC WO 0076533		12-21-00		
	142	PC WO 0128603		04-26-01		
	143	PC WO 0175406		05-17-01		
	144	PC WO 0154735		08-02-01		
	145	PC WO 0166161 A		09-13-01		
	146	PC WO 0197826		12-27-01		
	147	PC WO 02058446		05-01-02		
	148	PC WO 0218450 A		03-07-02		
	149	PC WO 0240068		05-23-02		
	150	PC WO 03007845		01-30-03		

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152	US-US 5931165	08-03-99	Reich et al		
153	US-US 5932529	08-17-99	Harvey et al		
154	US-US 5951531	09-14-99	Ferdman et al		
155	US-US 5951563	09-14-99	Jensen et al		
156	US-US 5957166	09-28-99	Safabash		
157	US-US 6007613	12-28-99	Izoret		
158	US-US 6027741	02-22-00	Cialdi et al		
159	US-US 6042262	03-28-00	Hajianpour Mohammed Ali		
160	US-US 6045570	04-04-00	Lempert Epstein et al		
161	US-US 6063061	05-16-00	Wallace et al		
162	US-US 6065325	05-23-00	Wallace et al		
163	US-US 6074663	06-13-00	Delmotte et al		
184	US-US 6096309	01-08-00	Prior et al		
165	US-US 6099592	08-08-00	Cercone		
166	US-US 6162241	12-19-00	Coury et al		
167	US-US 6168788	01-02-01	Wortham		
168	US-US 6261566	07-17-01	Li et al		
189	US-US 6280727	08-28-01	Prior et al		
170	US-US 6300128	10-09-01	Morota		

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171	PC	WO 03055531	07-10-03		T 5
172	PC	WO 03084683	11-20-03		
173	PC	WO 04028404	04-08-04		
174	PC	WO 04028423	04-08-04		
175	PC	WO 04029095	08-08-04		
176	PC	WO 04030711	08-15-04		
177	PC	WO 04108024	12-16-04		
178	PC	WO 05000265	01-06-05		
179	PC	WO 05009225	02-03-05		
180	PC	WO 05041811	05-12-05		

Examiner Signature	Date Considered
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1. Applicant's unique citation designation number (optional) 2. See Kind codes of USPTO patent documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3.14). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the parent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.

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<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(Use as many sheets as necessary)</p>				<b>Complete if Known</b>	
Sheet	8	of	13	Application Number	10/562,931
				Filing Date	06-21-06
				First Named Inventor	Lene Moller
				Art Unit	1651
				Examiner Name	Taejoon Kim
				Attorney Docket Number	13323-105005

U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initial *	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Patentee or Relevant Figures Appear
		Country <sup>2</sup>	Number <sup>4</sup> Kind Code (If Known) Codes			
	207	PC	WO 9310768	06-10-93		
	208	PC	WO 9321908	11-11-93		
	209	PC	WO 9417840	08-18-94		
	210	PC	WO 9512371	05-11-95		
	211	PC	WO 9525748	09-26-95		
	212	PC	WO 9531955	11-30-95		
	213	PC	WO 9607472	03-14-96		
	214	PC	WO 9615643	06-06-96		
	215	PC	WO 9640033	12-19-96		
	216	PC	WO 9717023	05-15-97		

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3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3.) 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.4.

16 If possible, 6. Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 9 of 13

**Complete if Known**

Application Number	10/562,831
Filing Date	06-21-06
First Named Inventor	Lene Moller
Art Unit	1651
Examiner Name	Taeyoon Kim
Attorney Docket Number	13323-105005

**U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initial *	Cite No. 1	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, column(s), Lines, Where Reference Paragraphs and Relevant Figures Appear
		Country <sup>3</sup>	Number <sup>4</sup>			
	217	PC	WO 9717024	05-15-97		
	218	PC	WO 9717025	05-15-97		
	219	PC	WO 97162792	08-21-97		
	220	PC	WO 9737694	10-16-97		
	221	PC	WO 9831403	07-22-98		
	222	PC	WO 9843092	10-04-98		
	223	PC	WO 9844963	10-15-98		
	224	PC	WO 9851002	11-19-98		
	225	PC	WO 9904828	02-04-99		
	226	PC	WO 9912032	03-11-99		

Examiner  
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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet 10 of 13

**Complete if Known**

Application Number	10/562,831
Filing Date	06-21-06
First Named Inventor	Lene Møller
Art Unit	1651
Examiner Name	Taeyoon Kim
Attorney Docket Number	13323-105005

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature	Date Considered
* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not Considered. Include of this form with next communication to applicant.	
Applicant's usual citation designation number (optional) 2. See kinds codes of USPTO patent Documents, at <a href="http://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.	The assignee that issued the document, by the two-letter code (WIPO Standard ST.3.4). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1.

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet 1 of 13

## Complete if Known

Application Number	10/562,831
Filing Date	06-21-06
First Named Inventor	Lena Moller
Group Art Unit	1651
Examiner Name	Taeyoon Kim
Attorney Docket Number	13323-105005

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initial *	Cite No. 1	Includes name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
229	Quintavalla et al., Biomaterials 2002 Jan;23(1):109-119. Fluorescently labeled mesenchymal stem cells (MSC) maintain multilineage potential and can be detected following articular cartilage defects		
230	WIESENTHAL ET AL, The Journal of Otolaryngology, 1999, Vol. 28, No. 5, pg. 259-265, "New method for packing the external auditory canal, middle ear space, and mastoid cavities after otologic surgery"		
231	DROGNITZ ET AL, Indection Germany (Munich), 2006, 34 (1), pg. 29-34, "Release of vancomycin and telcopiprant from a plasticized and absorbable gelatin sponge: in vitro investigation of a new antibiotic delivery system with glycopeptides"		
232	YUESONE ET AL, Intern. des Services de San. des Forces Armées, September 1999, Vol. 72, No. 7-9, pg. 194-196, "Design and experimental study of a slow-release antibiotic membrane implant in surgery wound"		
233	HILL-WEST, ET AL., Fertility and Sterility, Vol. 62, No. 3, pg. 630-634, "Efficacy of a resorbable hydrogel barrier, oxidized regenerated cellulose and hyaluronic acid in the prevention of ovarian adhesions in a rabbit model"		
234	LARSSON, ET AL., Acta Chir. Scand., Vol. 26, pg. 375-378, 1978, "Surgicel- An absorbable hemostatic material- In prevention of peritoneal adhesions in rats"		
235	SANFILIPPO ET AL, Fertility and sterility, Vol. 33, No. 3, pg. 311-316, March 1980, "Comparison of avitene, topical thrombin and Gelfoam, as sole hemostatic agent in tuboplasties"		
236	LUENGO, ET AL., Fertility and Sterility, Vol. 29, No. 4, April 1978, "Prevention of peritoneal adhesions by the combined use of Spongostan and 32% Dextran 70: an experimental study in pigs"		
237	DE IACO, ET AL., Surgery, Vol. 130, pg. 60-64, 2001, "Efficacy of a Hyaluronic Derivative gel in postsurgical adhesion prevention in the presence of Inadequate hemostasis"		
238	Spence et al., cancer 1975 Feb;35(2):326-341. Cerebellar capillary hemangioblastoma: its histogenesis studied by organ culture and electron microscopy		
239	DEMBO, M. A ET AL, Lech. Prep. Krovi. Tkanei, pg. 139-40, 1974, "Antiseptic hemostatic preparations, their properties and study"		

Examiner Signature	Date Considered
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1a. applicants unique citation designation number. (optional) 2. Applicants is to place a check mark here if English language translation is attached.

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INFORMATION DISCLOSURE  
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Sheet

12

of

13

## Complete if Known

Application Number	10/562,831
Filing Date	06-21-06
First Named Inventor	Lene Moller
Group Art Unit	1651
Examiner Name	Taeyoon Kim
Attorney Docket Number	13323-105005

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initial *	Cita. No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), state, page(s), volume-issue number(s), publisher, city and/or country where published	T 2
240		*FloSeal Matrix Hemosealant. Instructions for use*. Accessed online August 17, 2005 at <a href="http://www.ctsnet.org/file/vendors/331/ptf/140.pdf">http://www.ctsnet.org/file/vendors/331/ptf/140.pdf</a>	
241		Sakurabayashi et al., Gastroenterological Endoscopy 30(10) Oct 1988. Clinical evaluation of new hemostatic agent for hemostasis from biopsy wounds in the liver	
242		OZ ET AL, Ann Thorac Surg 2000, Vol. 69, pg. 1376-1382, 2000, "Controlled clinical trial of a novel hemostatic agent in cardiac surgery"	
243		WACHOL-DREWEK ET AL, Biomaterials 17, pg. 1733-1738, 1996, "Comparative investigation of drug delivery of collagen implants saturated in antibiotic solutions and a sponge containing gentamicin"	
244		HONG ET AL, Biomaterials, 2001, 22 (20), pg. 2777-2783, "Study on gelatin-containing artificial skin IV: a comparative study on the effect of antibiotic and EGF on cell proliferation during epidermal healing"	
245		RAFTERY, BR. J. Surg., Vol. 67, pg. 57-58, 1980, "Absorbable Haemostatic materials and intraperitoneal adhesion formation"	
246		SHUSHAN, ET AL., Journal of Reproductive Medicine, Vol. 39, pg. 398-402, 1994, "Hyaluronic acid for preventing experimental postoperative intraperitoneal adhesions"	
247		LI, ET AL., Arch Otolaryngol Head Neck Surg., Vol. 127, pg. 534-539, May 2001, "Evaluation of Esterified Hyaluronic Acid as middle ear packing material"	
248		KOCAK, ET AL., Fertility and Sterility, Vol. 72, No. 5, pg. 873-878, November 1999, "Reduction of adhesion formation with cross-linked hyaluronic acid after peritoneal surgery in rats"	
249		HAE-WON ET AL, J. of Biomedical Materials Research, 2005, 74B (2), pg. 666-698, "Porous scaffolds of gelatin-hydroxyapatite nanocomposites obtained by biometric approach: Characterization and antibiotic drug release"	
250		CHOI HS ET AL, J Biomed Mater Res 1999; 48 (5). pg. 631-639, "Studies on gelatin-containing artificial skin I. Preparation and characterization of cross-linked gelatin-hyaluronic sponge"	

Examiner  
SignatureDate  
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet 13 of 13

Complete if Known

Application Number	10/562,831
Filing Date	08-21-06
First Named Inventor	Lene Mellor
Group Art Unit	1651
Examiner Name	Taeyoon Kim
Attorney Docket Number	13323-105005

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initial *	Cita No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T 2
251		LAURENT ET AL, AM. J. Otolaryngol, Vol. 7, pg. 181-186, 1986, "Hyaluronic acid reduces connective tissue formation in middle ears filled with absorbable gelatin sponge: an experimental study"	
252		SOULES ET AL, Am. J. Obstet. Gynecol., Vol. 143, pg. 829-834, 1982, "The prevention of postoperative pelvic adhesions: An animal study comparing barrier methods with Dextran 70"	
253		HILL ET AL, J. Thorac Cardiovasc Surg 1994, Vol: 108, pg. 1151-1152, "Use of microfibrillar collagen hemostat (Avitene) and thrombin to achieve hemostasis after median sternotomy"	
254		VAN DER SALM T.J. ET AL, J. of Thoracic and Cardiovascular Surgery, 1989, Vol. 98, No. 4, pg. 618-622, "Reduction of sternal infection by application of topical vancomycin"	
255		MAXSON ET AL, Gynecol. Obstet. Invest., Vol. 26, pg. 160-165, 1988, "Efficacy of a modified oxidized cellulose fabric in the prevention of adhesion formation"	
256		REIJNEN, ET AL., Arch Surg., Vol. 134, pg. 997-1001, September 1999, "Prevention of Intra-Abdominal Abscesses and adhesions using a hyaluronic acid solution in a rat peritonitis model"	
257		ELLEGALA ET AL, Neurosurgery, August 2002, Vol. 51, pg. 513-516, "Use of FloSeal Hemostatic Sealant in Transsphenoidal Pituitary surgery, technical note"	
258		WEST, ET AL., The Journal of reproductive medicine, Vol. 41, pg. 149-151, 1996, "Efficacy of adhesion barriers, resorbable hydrogel, oxidized regenerated cellulose and hyaluronic acid"	
259		CHANGEZ ET AL, Biomaterials, 2005, Vol. 26, No. 14, pg. 2095-2104, "Efficacy of antibiotics-loaded interpenetrating network (PNs) hydrogel based on poly (acrylic acid) and gelatin for treatment of experimental osteomyelitis: in vivo study"	

Examiner Signature	/Taeyoon Kim/	Date Considered	04/09/2009
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